

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:23:15 ON 19 SEP 2005

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:23:28 ON 19 SEP 2005
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s (phosphotyrosine or phospho tyrosine) (w)phosphatase#

FILE 'MEDLINE'

8268 PHOSPHOTYROSINE

5177 PHOSPHO

109428 TYROSINE

60 PHOSPHO TYROSINE

(PHOSPHO (W) TYROSINE)

109459 PHOSPHATASE#

L1 602 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'SCISEARCH'

6303 PHOSPHOTYROSINE

4663 PHOSPHO

104949 TYROSINE

72 PHOSPHO TYROSINE

(PHOSPHO (W) TYROSINE)

73972 PHOSPHATASE#

L2 1295 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'LIFESCI'

2082 PHOSPHOTYROSINE

1724 "PHOSPHO"

31406 "TYROSINE"

14 PHOSPHO TYROSINE

("PHOSPHO" (W) "TYROSINE")

23034 PHOSPHATASE#

L3 236 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'BIOTECHDS'

90 PHOSPHOTYROSINE

260 PHOSPHO

3538 TYROSINE

1 PHOSPHO TYROSINE

(PHOSPHO (W) TYROSINE)

4513 PHOSPHATASE#

L4 6 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'BIOSIS'

5963 PHOSPHOTYROSINE

58462 PHOSPHO

110515 TYROSINE

185 PHOSPHO TYROSINE

(PHOSPHO (W) TYROSINE)

114404 PHOSPHATASE#

L5 777 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'EMBASE'

5521 PHOSPHOTYROSINE

4142 "PHOSPHO"

```

      88503 "TYROSINE"
      48 PHOSPHO TYROSINE
        ("PHOSPHO" (W) "TYROSINE")
      81251 PHOSPHATASE#
L6      570 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'HCAPLUS'
      7200 PHOSPHOTYROSINE
      10300 PHOSPHO
      144422 TYROSINE
        63 PHOSPHO TYROSINE
          (PHOSPHO (W) TYROSINE)
      123231 PHOSPHATASE#
L7      1148 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'NTIS'
      25 PHOSPHOTYROSINE
      60 PHOSPHO
      1001 TYROSINE
        2 PHOSPHO TYROSINE
          (PHOSPHO (W) TYROSINE)
      751 PHOSPHATASE#
L8      7 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'ESBIOBASE'
      3120 PHOSPHOTYROSINE
      2868 PHOSPHO
      43764 TYROSINE
        41 PHOSPHO TYROSINE
          (PHOSPHO (W) TYROSINE)
      28817 PHOSPHATASE#
L9      361 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'BIOTECHNO'
      3355 PHOSPHOTYROSINE
      1717 PHOSPHO
      36754 TYROSINE
        24 PHOSPHO TYROSINE
          (PHOSPHO (W) TYROSINE)
      25111 PHOSPHATASE#
L10     329 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

FILE 'WPIDS'
      220 PHOSPHOTYROSINE
      3653 PHOSPHO
      7522 TYROSINE
        29 PHOSPHO TYROSINE
          (PHOSPHO (W) TYROSINE)
      5037 PHOSPHATASE#
L11     22 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

TOTAL FOR ALL FILES
L12     5353 (PHOSPHOTYROSINE OR PHOSPHO TYROSINE) (W) PHOSPHATASE#

=> s l12(10a) (receptor or transmembrane or membrane)
FILE 'MEDLINE'
      506312 RECEPTOR
      45556 TRANSMEMBRANE
      623437 MEMBRANE
L13     106 L1 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'SCISEARCH'
      624364 RECEPTOR
      46395 TRANSMEMBRANE

```

```

434253 MEMBRANE
L14      123 L2 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'LIFESCI'
      175197 RECEPTOR
      19086  TRANSMEMBRANE
      139436 MEMBRANE
L15      47 L3 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'BIOTECHDS'
      18252 RECEPTOR
      3813  TRANSMEMBRANE
      19964 MEMBRANE
L16      3 L4 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'BIOSIS'
      680441 RECEPTOR
      50976  TRANSMEMBRANE
      572582 MEMBRANE
L17      135 L5 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'EMBASE'
      757305 RECEPTOR
      41959  TRANSMEMBRANE
      500912 MEMBRANE
L18      100 L6 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'HCAPLUS'
      618036 RECEPTOR
      53194  TRANSMEMBRANE
      675607 MEMBRANE
L19      265 L7 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'NTIS'
      5211  RECEPTOR
      357   TRANSMEMBRANE
      11288 MEMBRANE
L20      0 L8 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'ESBIOBASE'
      258965 RECEPTOR
      26258  TRANSMEMBRANE
      189236 MEMBRANE
L21      59 L9 (10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'BIOTECHNO'
      202158 RECEPTOR
      22770  TRANSMEMBRANE
      152538 MEMBRANE
L22      72 L10(10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

FILE 'WPIDS'
      45897  RECEPTOR
      3322   TRANSMEMBRANE
      132158 MEMBRANE
L23      3 L11(10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

TOTAL FOR ALL FILES
L24      913 L12(10A) (RECEPTOR OR TRANSMEMBRANE OR MEMBRANE)

=> s rptp# or r(w)ptp# or rptpase# or r(w)ptpase#
FILE 'MEDLINE'
      184  RPTP#
      269237 R

```

2636 PTP#
 19 R(W) PTP#
 3 RPTPASE#
 269237 R
 661 PTPASE#
 11 R(W) PTPASE#
 L25 214 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'SCISEARCH'

333 RPTP#
 513330 R
 3220 PTP#
 46 R(W) PTP#
 6 RPTPASE#
 513330 R
 704 PTPASE#
 14 R(W) PTPASE#
 L26 385 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'LIFESCI'

124 RPTP#
 103853 R
 952 PTP#
 15 R(W) PTP#
 2 RPTPASE#
 103853 R
 278 PTPASE#
 6 R(W) PTPASE#
 L27 143 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'BIOTECHDS'

13 RPTP#
 13171 R
 193 PTP#
 2 R(W) PTP#
 0 RPTPASE#
 13171 R
 16 PTPASE#
 1 R(W) PTPASE#
 L28 16 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'BIOSIS'

255 RPTP#
 317583 R
 2927 PTP#
 25 R(W) PTP#
 6 RPTPASE#
 317583 R
 715 PTPASE#
 11 R(W) PTPASE#
 L29 292 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'EMBASE'

265 RPTP#
 269185 R
 2582 PTP#
 26 R(W) PTP#
 2 RPTPASE#
 269185 R
 623 PTPASE#
 14 R(W) PTPASE#
 L30 302 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

FILE 'HCAPLUS'

```

        340 RPTP#
1197410 R
        3964 PTP#
        32 R(W) PTP#
        5 RPTPASE#
1197410 R
        832 PTPASE#
        5 R(W) PTPASE#
L31      376 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

FILE 'NTIS'

```

        6 RPTP#
44476 R
        75 PTP#
        0 R(W) PTP#
        0 RPTPASE#
44476 R
        4 PTPASE#
        0 R(W) PTPASE#
L32      6 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

FILE 'ESBIOBASE'

```

        226 RPTP#
118636 R
        1727 PTP#
        24 R(W) PTP#
        3 RPTPASE#
118636 R
        394 PTPASE#
        13 R(W) PTPASE#
L33      261 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

FILE 'BIOTECHNO'

```

        146 RPTP#
81552 R
        1158 PTP#
        21 R(W) PTP#
        3 RPTPASE#
81552 R
        388 PTPASE#
        11 R(W) PTPASE#
L34      177 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

FILE 'WPIDS'

```

        19 RPTP#
523197 R
        584 PTP#
        3 R(W) PTP#
        1 RPTPASE#
523197 R
        82 PTPASE#
        1 R(W) PTPASE#
L35      23 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

TOTAL FOR ALL FILES

```

L36      2195 RPTP# OR R(W) PTP# OR RPTPASE# OR R(W) PTPASE#

```

=> s (l24 or l36) not 1992-2005/py

FILE 'MEDLINE'

```

        6519885 1992-2005/PY
L37      22 (L13 OR L25) NOT 1992-2005/PY

```

FILE 'SCISEARCH'

```

        12855257 1992-2005/PY

```

(19920000-20059999/PY)
L38 19 (L14 OR L26) NOT 1992-2005/PY

FILE 'LIFESCI'
1457153 1992-2005/PY
L39 14 (L15 OR L27) NOT 1992-2005/PY

FILE 'BIOTECHDS'
242175 1992-2005/PY
L40 0 (L16 OR L28) NOT 1992-2005/PY

FILE 'BIOSIS'
7346621 1992-2005/PY
L41 25 (L17 OR L29) NOT 1992-2005/PY

FILE 'EMBASE'
5794912 1992-2005/PY
L42 24 (L18 OR L30) NOT 1992-2005/PY

FILE 'HCAPLUS'
11571312 1992-2005/PY
L43 37 (L19 OR L31) NOT 1992-2005/PY

FILE 'NTIS'
421736 1992-2005/PY
L44 0 (L20 OR L32) NOT 1992-2005/PY

FILE 'ESBIOBASE'
3028905 1992-2005/PY
L45 0 (L21 OR L33) NOT 1992-2005/PY

FILE 'BIOTECHNO'
1281187 1992-2005/PY
L46 18 (L22 OR L34) NOT 1992-2005/PY

FILE 'WPIDS'
8729067 1992-2005/PY
L47 0 (L23 OR L35) NOT 1992-2005/PY

TOTAL FOR ALL FILES
L48 159 (L24 OR L36) NOT 1992-2005/PY

=> dup rem l48
PROCESSING COMPLETED FOR L48
L49 54 DUP REM L48 (105 DUPLICATES REMOVED)

=> d tot

L49 ANSWER 1 OF 54 MEDLINE on STN
TI **Membrane-bound phosphotyrosine phosphatases.**
SO Science, (1991 May 10) 252 (5007) 764.
Journal code: 0404511. ISSN: 0036-8075.
AU Williams A F
AN 91227894 MEDLINE

L49 ANSWER 2 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Cloning, bacterial expression, purification, and characterization of the
cytoplasmic domain of rat LAR, a receptor-like protein tyrosine
phosphatase
SO Journal of Biological Chemistry (1991), 266(29), 19688-96
CODEN: JBCHA3; ISSN: 0021-9258
AU Pot, David A.; Woodford, Terry A.; Remboutsika, Eumorphia; Haun, Randy S.;
Dixon, Jack E.
AN 1992:506872 HCAPLUS

DN 117:106872

L49 ANSWER 3 OF 54 MEDLINE on STN DUPLICATE 1
TI Characterization of a human recombinant receptor-linked protein tyrosine phosphatase.
SO Journal of biological chemistry, (1991 Jul 5) 266 (19) 12211-5.
Journal code: 2985121R. ISSN: 0021-9258.
AU Daum G; Zander N F; Morse B; Hurwitz D; Schlessinger J; Fischer E H
AN 91286234 MEDLINE

L49 ANSWER 4 OF 54 MEDLINE on STN DUPLICATE 2
TI Cloning and characterization of a **receptor-class phosphotyrosine phosphatase** gene expressed on central nervous system axons in *Drosophila melanogaster*.
SO Proceedings of the National Academy of Sciences of the United States of America, (1991 Dec 15) 88 (24) 11266-70.
Journal code: 7505876. ISSN: 0027-8424.
AU Hariharan I K; Chuang P T; Rubin G M
AN 92107930 MEDLINE

L49 ANSWER 5 OF 54 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 3
TI EXCITED-STATES OF M(II,D6)-4'-PHENYLTERPYRIDINE COMPLEXES - ELECTRON LOCALIZATION
SO JOURNAL OF PHYSICAL CHEMISTRY, (3 OCT 1991) Vol. 95, No. 20, pp. 7641-7649.
ISSN: 0022-3654.
AU AMOUYAL E (Reprint); MOUALLEMBAHOUT M; CALZAFERRI G
AN 1991:560683 SCISEARCH

L49 ANSWER 6 OF 54 MEDLINE on STN DUPLICATE 4
TI High levels of CD45 are coordinately expressed with CD4 and CD8 on avian thymocytes.
SO Journal of immunology (Baltimore, Md. : 1950), (1991 Dec 1) 147 (11) 3710-7.
Journal code: 2985117R. ISSN: 0022-1767.
AU Paramithiotis E; Tkalec L; Ratcliffe M J
AN 92043750 MEDLINE

L49 ANSWER 7 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Antiphosphotyrosine immunoprecipitation of an insulin-stimulated receptor phosphatase activity from FRTL5 cells
SO Endocrinology (1991), 128(6), 2949-57
CODEN: ENDOAO; ISSN: 0013-7227
AU Formisano, Pietro; Condorelli, Gerolama; Condorelli, Gianluigi; Beguinot, Francesco
AN 1991:487937 HCAPLUS
DN 115:87937

L49 ANSWER 8 OF 54 MEDLINE on STN DUPLICATE 5
TI Identification of novel protein tyrosine phosphatases of hematopoietic cells by polymerase chain reaction amplification.
SO Blood, (1991 Nov 1) 78 (9) 2222-8.
Journal code: 7603509. ISSN: 0006-4971.
AU Yi T; Cleveland J L; Ihle J N
AN 92032882 MEDLINE

L49 ANSWER 9 OF 54 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI LOCALIZATION OF A NEW RECEPTOR-LIKE PROTEIN TYROSINE PHOSPHATASE (**RPTPASE**) ON HUMAN CHROMOSOME-18, REGION PTER-Q11
SO CYTOGENETICS AND CELL GENETICS, (1991) Vol. 58, No. 3-4, pp. 2013-2013.
ISSN: 0301-0171.
AU GEBBINK M (Reprint); VANETTEN I; DELEEUW H; SUIJKERBUIJK R;

GEURTSVANKESSEL A; MOOLENAAR W
AN 1992:128647 SCISEARCH

L49 ANSWER 10 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI LOCALIZATION OF A NEW RECEPTOR-LIKE PROTEIN TYROSINE PHOSPHATASE
RPTPASE ON HUMAN CHROMOSOME 18 REGION PTER-Q11.
SO Cytogenetics and Cell Genetics, (1991) Vol. 58, No. 1-4, pp. 2013.
Meeting Info.: ELEVENTH INTERNATIONAL WORKSHOP ON HUMAN GENE MAPPING,
LONDON, ENGLAND, UK, AUGUST 18-22, 1991. CYTOGENET CELL GENET.
CODEN: CGCGBR. ISSN: 0301-0171.
AU GEBBINK M [Reprint author]; VAN ETTEN I; DE LEEUW H; SUIJKERBUIJK R;
GEURTS VAN KESSEL A; MOOLENAAR W
AN 1992:250446 BIOSIS

L49 ANSWER 11 OF 54 MEDLINE on STN DUPLICATE 6
TI Regulation of B cell antigen receptor signal transduction and
phosphorylation by CD45.
SO Science, (1991 Jun 28) 252 (5014) 1839-42.
Journal code: 0404511. ISSN: 0036-8075.
AU Justement L B; Campbell K S; Chien N C; Cambier J C
AN 91289140 MEDLINE

L49 ANSWER 12 OF 54 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI **MEMBRANE-BOUND PHOSPHOTYROSINE PHOSPHATASES**
SO SCIENCE, (10 MAY 1991) Vol. 252, No. 5007, pp. 764-764.
ISSN: 0036-8075.
AU WILLIAMS A F (Reprint)
AN 1991:269999 SCISEARCH

L49 ANSWER 13 OF 54 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
TI **Membrane-bound phosphotyrosine phosphatases**
[6].
SO Science, (1991) Vol. 252, No. 5007, pp. 764.
ISSN: 0036-8075 CODEN: SCIEAS
AU Williams A.F.
AN 91220263 EMBASE

L49 ANSWER 14 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI **PHOSPHOTYROSINE PHOSPHATASE ACTIVITY ON RAT PANCREATIC**
ACINAR MEMBRANE REGULATION BY SOMATOSTATIN.
SO Gastroenterology, (1991) Vol. 100, No. 5 PART 2, pp. A635.
Meeting Info.: DIGESTIVE DISEASE WEEK AND THE 92ND ANNUAL MEETING OF THE
AMERICAN GASTROENTEROLOGICAL ASSOCIATION, NEW ORLEANS, LOUISIANA, USA, MAY
19-22, 1991. GASTROENTEROLOGY.
CODEN: GASTAB. ISSN: 0016-5085.
AU COLAS B [Reprint author]; CAMBILLAU C; BUSCAIL L; ESTEVE J P; VAYSSE N;
SUSINI C
AN 1991:380363 BIOSIS

L49 ANSWER 15 OF 54 MEDLINE on STN DUPLICATE 7
TI In vitro phosphorylation and hormone binding activation of the synthetic
wild type human estradiol receptor.
SO Journal of steroid biochemistry and molecular biology, (1991 Apr) 38 (4)
407-13.
Journal code: 9015483. ISSN: 0960-0760.
AU Migliaccio A; Castoria G; de Falco A; Di Domenico M; Galdiero M; Nola E;
Chambon P; Auricchio F
AN 91234615 MEDLINE

L49 ANSWER 16 OF 54 MEDLINE on STN DUPLICATE 8

TI Purification and characterization of a higher-molecular-mass form of
 protein phosphotyrosine phosphatase (PTP 1B) from placental membranes.
 SO Biochemical journal, (1991 Jun 1) 276 (Pt 2) 315-23.
 Journal code: 2984726R. ISSN: 0264-6021.
 AU Pallen C J; Lai D S; Chia H P; Boulet I; Tong P H
 AN 91264781 MEDLINE

L49 ANSWER 17 OF 54 MEDLINE on STN DUPLICATE 9
 TI Two nonradioactive assays for **phosphotyrosine
 phosphatases** with activity toward the insulin **receptor**.
 SO Analytical biochemistry, (1991 Dec) 199 (2) 210-5.
 Journal code: 0370535. ISSN: 0003-2697.
 AU Madden J A; Bird M I; Man Y; Raven T; Myles D D
 AN 92254985 MEDLINE

L49 ANSWER 18 OF 54 MEDLINE on STN DUPLICATE 10
 TI Cloning, expression and chromosomal localization of a new putative
 receptor-like protein tyrosine phosphatase.
 SO FEBS letters, (1991 Sep 23) 290 (1-2) 123-30.
 Journal code: 0155157. ISSN: 0014-5793.
 AU Gebbink M F; van Etten I; Hateboer G; Suijkerbuijk R; Beijersbergen R L;
 Geurts van Kessel A; Moolenaar W H
 AN 92008644 MEDLINE

L49 ANSWER 19 OF 54 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN DUPLICATE 11
 TI CD45, an integral membrane protein tyrosine phosphatase. Characterization
 of enzyme activity.
 SO Journal of Biological Chemistry, (1990) Vol. 265, No. 18, pp. 10674-10680.
 ISSN: 0021-9258 CODEN: JBCHA3
 AU Tonks N.K.; Diltz C.D.; Fischer E.H.
 AN 90218671 EMBASE

L49 ANSWER 20 OF 54 MEDLINE on STN DUPLICATE 12
 TI Cloning of three human tyrosine phosphatases reveals a multigene family of
 receptor-linked protein-tyrosine-phosphatases expressed in brain.
 SO Proceedings of the National Academy of Sciences of the United States of
 America, (1990 Sep) 87 (18) 7000-4.
 Journal code: 7505876. ISSN: 0027-8424.
 AU Kaplan R; Morse B; Huebner K; Croce C; Howk R; Ravera M; Ricca G; Jaye M;
 Schlessinger J
 AN 90384936 MEDLINE

L49 ANSWER 21 OF 54 MEDLINE on STN DUPLICATE 13
 TI Cloning and expression of a widely expressed receptor tyrosine
 phosphatase.
 SO Proceedings of the National Academy of Sciences of the United States of
 America, (1990 Aug) 87 (16) 6112-6.
 Journal code: 7505876. ISSN: 0027-8424.
 AU Sap J; D'Eustachio P; Givol D; Schlessinger J
 AN 90349565 MEDLINE

L49 ANSWER 22 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN
 TI PURIFICATION-CHARACTERIZATION OF TWO **PHOSPHOTYROSINE
 PHOSPHATASES** WHICH DEPHOSPHORYLATE PP15 A CELLULAR SUBSTRATE OF
 THE INSULIN **RECEPTOR** TYROSINE KINASE.
 SO FASEB Journal, (1990) Vol. 4, No. 7, pp. A2235.
 Meeting Info.: JOINT MEETING OF THE AMERICAN SOCIETY FOR BIOCHEMISTRY AND
 MOLECULAR BIOLOGY, AND THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS, NEW
 ORLEANS, LOUISIANA, USA, JUNE 4-7, 1990. FASEB (FED AM SOC EXP BIOL) J.
 CODEN: FAJOEC. ISSN: 0892-6638.
 AU LIAO K [Reprint author]; LANE M D
 AN 1990:366871 BIOSIS

L49 ANSWER 23 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
 TI Hepatic protein phosphotyrosine phosphatase. Dephosphorylation of insulin and epidermal growth factor receptors in normal and alloxan diabetic rats
 SO Journal of Clinical Investigation (1990), 85(6), 1754-60
 CODEN: JCINAO; ISSN: 0021-9738
 AU Gruppuso, Philip A.; Boylan, Joan M.; Posner, Barry I.; Faure, Robert; Brautigan, David L.
 AN 1990:456762 HCAPLUS
 DN 113:56762

L49 ANSWER 24 OF 54 MEDLINE on STN DUPLICATE 14
 TI The role of phosphatases in signal transduction.
 SO New biologist, (1990 Dec) 2 (12) 1049-62. Ref: 132
 Journal code: 9000976. ISSN: 1043-4674.
 AU Alexander D R
 AN 91208090 MEDLINE

L49 ANSWER 25 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI UPREGULATION OF THE EXPRESSION OF LEUKOCYTE ADHESION MOLECULES CD11 CD18 AND PHOSPHOTYROSINE PHOSPHATASE LEUKOCYTE COMMON ANTIGEN CD45 ON NEUTROPHIL PLASMA MEMBRANE FROM PATIENTS UNDERGOING HEMODIALYSIS.
 SO Nephrology Dialysis Transplantation, (1990) Vol. 5, No. 8, pp. 696-697. Meeting Info.: XXVIITH ANNUAL CONGRESS OF THE EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION-EUROPEAN RENAL ASSOCIATION, VIENNA, AUSTRIA, SEPTEMBER 5-9, 1990. NEPHROL DIAL TRANSPLANT. ISSN: 0931-0509.
 AU ALVAREZ V [Reprint author]; PARAISO V; PULIDO R; BARRIL G; BERNIS C; TRAVER J; CANTO C G; RINCON B; SANCHEZ-MADRID F
 AN 1991:108172 BIOSIS

L49 ANSWER 26 OF 54 MEDLINE on STN DUPLICATE 15
 TI Insulin-receptor tyrosine kinase and glucose transport.
 SO Diabetes care, (1990 Jun) 13 (6) 565-75. Ref: 44
 Journal code: 7805975. ISSN: 0149-5992.
 AU Lane M D; Flores-Riveros J R; Hresko R C; Kaestner K H; Liao K; Janicot M; Hoffman R D; McLenithan J C; Kastelic T; Christy R J
 AN 90291867 MEDLINE

L49 ANSWER 27 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
 TI Mechanism of action of estrogens: phosphorylation of estradiol receptor on tyrosine
 SO NATO ASI Series, Series C: Mathematical and Physical Sciences (1990), 295(Act. Horm. Growth Factor Recept.: Mol. Mech. Consequences), 257-67
 CODEN: NSCSDW; ISSN: 0258-2023
 AU Auricchio, F.; Migliaccio, A.; Castoria, G.; Di Domenico, M.; Pagano, M.; Rotondi, A.; Nola, E.
 AN 1990:604878 HCAPLUS
 DN 113:204878

L49 ANSWER 28 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
 TI Phosphorylation of uterus estradiol receptor on tyrosine
 SO Progress in Clinical and Biological Research (1990), Volume Date 1988, 322(Mol. Endocrinol. Steroid Horm. Action), 133-55
 CODEN: PCBRD2; ISSN: 0361-7742
 AU Auricchio, F.; Migliaccio, A.; Castoria, G.; Di Domenico, M.; Pagano, M.
 AN 1990:191991 HCAPLUS
 DN 112:191991

L49 ANSWER 29 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
 TI Preliminary characterization of phosphotyrosine phosphatase activities in human peripheral blood lymphocytes: identification of CD45 as a

- phosphotyrosine phosphatase
SO Journal of Cellular Biochemistry (1990), 42(2), 71-81
CODEN: JCEBD5; ISSN: 0730-2312
AU George, R. J.; Parker, C. W.
AN 1990:174515 HCAPLUS
DN 112:174515
- L49 ANSWER 30 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI **PHOSPHOTYROSINE PHOSPHATASE ACTIVITY ON RAT PANCREATIC
ACINAR MEMBRANE REGULATION BY SOMATOSTATIN.**
SO Digestion, (1990) Vol. 46, No. SUPPL. 1, pp. 20.
Meeting Info.: 8TH INTERNATIONAL SYMPOSIUM ON GASTROINTESTINAL HORMONES,
TIMMENDORFER STRAND/BALTIC SEA, WEST GERMANY, SEPTEMBER 4-8, 1990.
DIGESTION.
CODEN: DIGEBW. ISSN: 0012-2823.
AU COLAS B [Reprint author]; ESTEVE J P; TAHIRI-JOUTI N; VAYSSE N; SUSINI C
AN 1991:37934 BIOSIS
- L49 ANSWER 31 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI **ANTIPROLIFERATIVE EFFECT OF SOMATOSTATIN POSSIBLE INVOLVEMENT OF A
MEMBRANE PHOSPHOTYROSINE PHOSPHATASE.**
SO Digestion, (1990) Vol. 46, No. SUPPL. 1, pp. 15.
Meeting Info.: 8TH INTERNATIONAL SYMPOSIUM ON GASTROINTESTINAL HORMONES,
TIMMENDORFER STRAND/BALTIC SEA, WEST GERMANY, SEPTEMBER 4-8, 1990.
DIGESTION.
CODEN: DIGEBW. ISSN: 0012-2823.
AU CAMBILLAU C [Reprint author]; TAHIRI-JOUTI N; BUSCAIL L; VIGUERIE N; VIDAL
C; VAYSSE N; SUSINI C
AN 1991:37919 BIOSIS
- L49 ANSWER 32 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Purification and characterization of a protein-phosphotyrosine phosphatase
from rat spleen which dephosphorylates and inactivates a tyrosine-specific
protein kinase
SO Journal of Biological Chemistry (1989), 264(14), 7801-8
CODEN: JBCHA3; ISSN: 0021-9258
AU Swarup, Ghanshyam; Subrahmanyam, Gosukonda
AN 1989:435511 HCAPLUS
DN 111:35511
- L49 ANSWER 33 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Phosphorylation of the insulin receptor in permeabilized adipocytes is
coupled to a rapid dephosphorylation reaction
SO Journal of Biological Chemistry (1989), 264(12), 6850-7
CODEN: JBCHA3; ISSN: 0021-9258
AU Mooney, Robert A.; Anderson, Dorothy L.
AN 1989:401186 HCAPLUS
DN 111:1186
- L49 ANSWER 34 OF 54 LIFESCI COPYRIGHT 2005 CSA on STN DUPLICATE 16
TI cDNA isolated from a human T-cell library encodes a member of the
protein-tyrosine-phosphatase family.
SO PROC. NATL. ACAD. SCI. USA., (1989) vol. 86, no. 14, pp. 5257-5261.
AU Cool, D.E.; Tonks, N.K.; Charbonneau, H.; Walsh, K.A.; Fischer, E.H.;
Krebs, E.G.
AN 89:31987 LIFESCI
- L49 ANSWER 35 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Hepatic phosphotyrosine phosphatase activity and its alterations in
diabetic rats
SO Journal of Clinical Investigation (1989), 84(3), 976-83
CODEN: JCINAO; ISSN: 0021-9738

AU Meyerovitch, Joseph; Backer, Jonathan M.; Kahn, C. Ronald
AN 1990:5625 HCAPLUS
DN 112:5625

L49 ANSWER 36 OF 54 MEDLINE on STN DUPLICATE 17
TI The 18 kDa cytosolic acid phosphatase from bovine live has
phosphotyrosine phosphatase activity on the
autophosphorylated epidermal growth factor **receptor**.
SO FEBS letters, (1989 Jul 3) 250 (2) 469-73.
Journal code: 0155157. ISSN: 0014-5793.
AU Ramponi G; Manao G; Camici G; Cappugi G; Ruggiero M; Bottaro D P
AN 89325616 MEDLINE

L49 ANSWER 37 OF 54 MEDLINE on STN DUPLICATE 18
TI Inhibition of **phosphotyrosine phosphatases** reveals
candidate substrates of the PDGF **receptor** kinase.
SO European journal of cell biology, (1989 Dec) 50 (2) 428-34.
Journal code: 7906240. ISSN: 0171-9335.
AU Zippel R; Morello L; Brambilla R; Comoglio P M; Alberghina L; Sturani E
AN 90184046 MEDLINE

L49 ANSWER 38 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Biochemical and antigenic characterization of CD45 polypeptides expressed
on plasma membrane and internal granules of human neutrophils
SO FEBS Letters (1989), 249(2), 337-42
CODEN: FEBLAL; ISSN: 0014-5793
AU Pulido, Rafael; Lacal, Pedro; Mollinedo, Faustino; Sanchez-Madrid,
Francisco
AN 1989:476063 HCAPLUS
DN 111:76063

L49 ANSWER 39 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI CD45-protein tyrosine phosphatase cross-linking inhibits T cell receptor
CD3-mediated activation in human T cells
SO Journal of Immunology (1989), 143(1), 23-8
CODEN: JOIMA3; ISSN: 0022-1767
AU Kiener, Peter A.; Mittler, Robert S.
AN 1989:455659 HCAPLUS
DN 111:55659

L49 ANSWER 40 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI PURIFICATION OF A **PHOSPHOTYROSINE PHOSPHATASE** THAT
DEPHOSPHORYLATES THE EPIDERMAL GROWTH FACTOR **RECEPTOR**
AUTOPHOSPHORYLATION SITES.
SO (1988) pp. 299-308. GALEOTTI, T., ET AL. (ED.). ANNALS OF THE NEW YORK
ACADEMY OF SCIENCES, VOL. 551. MEMBRANE IN CANCER CELLS; CONFERENCE,
PERUGIA, ITALY, JUNE 13-16, 1988. XIV+455P. NEW YORK ACADEMY OF SCIENCES:
NEW YORK, NEW YORK, USA. ILLUS.
Publisher: Series: Annals of the New York Academy of Sciences.
ISSN: 007-8923. ISBN: 0-89766-491-4(PAPER), 0-89766-490-6(CLOTH).
AU PALLER C J [Reprint author]; PANAYOTOU G N; SAHLIN L; WATERFIELD M D
AN 1989:483013 BIOSIS

L49 ANSWER 41 OF 54 MEDLINE on STN DUPLICATE 19
TI Biochemical characterization of tyrosine kinase and phosphotyrosine
phosphatase activities of HL-60 leukemia cells.
SO Cancer research, (1988 Aug 1) 48 (15) 4299-306.
Journal code: 2984705R. ISSN: 0008-5472.
AU Frank D A; Sartorelli A C
AN 88270383 MEDLINE

L49 ANSWER 42 OF 54 MEDLINE on STN DUPLICATE 20
TI A protein **phosphotyrosine phosphatase** distinct from

alkaline phosphatase with activity against the insulin **receptor**.
SO Biochemical and biophysical research communications, (1988 Mar 15) 151 (2) 633-40.
Journal code: 0372516. ISSN: 0006-291X.
AU Strout H V; Vicario P P; Saperstein R; Slater E E
AN 88162878 MEDLINE

L49 ANSWER 43 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Protein phosphotyrosine phosphatase purified from the particulate fraction of human placenta dephosphorylates insulin and growth-factor receptors
SO Biochemical Journal (1988), 256(2), 493-500
CODEN: BIJOAK; ISSN: 0306-3275
AU Roome, Janet; O'Hare, Timothy; Pilch, Paul F.; Brautigan, David L.
AN 1989:35894 HCAPLUS
DN 110:35894

L49 ANSWER 44 OF 54 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 21
TI A PROTEIN **PHOSPHOTYROSINE PHOSPHATASE** DISTINCT FROM ALKALINE-PHOSPHATASE WITH ACTIVITY AGAINST THE INSULIN-**RECEPTOR**
SO CLINICAL RESEARCH, (APR 1988) Vol. 36, No. 3, pp. A492-A492.
ISSN: 0009-9279.
AU STROUT H V (Reprint); VICARIO P P; SAPERSTEIN R; SLATER E E
AN 1988:208726 SCISEARCH

L49 ANSWER 45 OF 54 MEDLINE on STN DUPLICATE 22
TI Purification and characterization of placental **membrane phosphotyrosine phosphatases**.
SO Cold Spring Harbor symposia on quantitative biology, (1988) 53 Pt 1 447-54.
Journal code: 1256107. ISSN: 0091-7451.
AU Pallen C J; Sahlin L; Panayotou G; Waterfield M D
AN 89337495 MEDLINE

L49 ANSWER 46 OF 54 MEDLINE on STN DUPLICATE 23
TI Purification of a **phosphotyrosine phosphatase** that dephosphorylates the epidermal growth factor **receptor** autophosphorylation sites.
SO Annals of the New York Academy of Sciences, (1988) 551 299-308.
Journal code: 7506858. ISSN: 0077-8923.
AU Pallen C J; Panayotou G N; Sahlin L; Waterfield M D
AN 89226832 MEDLINE

L49 ANSWER 47 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Down-regulation of cell surface insulin receptors in primary cultured rat adipocytes by sodium vanadate
SO Endocrinology (1987), 121(3), 1116-22
CODEN: ENDOAO; ISSN: 0013-7227
AU Marshall, Stephen; Monzon, Ricardo
AN 1987:547806 HCAPLUS
DN 107:147806

L49 ANSWER 48 OF 54 MEDLINE on STN DUPLICATE 24
TI **Membrane protein phosphotyrosine phosphatase** in rabbit kidney. Proteolysis activates the enzyme and generates soluble catalytic fragments.
SO Biochemical journal, (1987 May 1) 243 (3) 747-54.
Journal code: 2984726R. ISSN: 0264-6021.
AU Rotenberg S A; Brautigan D L
AN 88023934 MEDLINE

L49 ANSWER 49 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN
TI Bis- μ -[bis(diphenylphosphino)methane]dihalodiplatinum(Pt-Pt) and its hydrido A-frame derivatives revisited

SO Journal of Organometallic Chemistry (1986), 304(3), 391-423
 CODEN: JORCAI; ISSN: 0022-328X

AU Grossel, Martin C.; Batson, Jonathan R.; Moulding, Roger P.; Seddon,
 Kenneth R.

AN 1987:60199 HCAPLUS

DN 106:60199

L49 ANSWER 50 OF 54 MEDLINE on STN DUPLICATE 25

TI A novel mechanism for the insulin-like effect of vanadate on glycogen
 synthase in rat adipocytes.

SO Journal of biological chemistry, (1984 May 25) 259 (10) 6650-8.
 Journal code: 2985121R. ISSN: 0021-9258.

AU Tamura S; Brown T A; Whipple J H; Fujita-Yamaguchi Y; Dubler R E; Cheng K;
 Larner J

AN 84212496 MEDLINE

L49 ANSWER 51 OF 54 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
 STN

TI RAPID, SELECTIVE DEPHOSPHORYLATION OF HEPATIC EGF RECEPTOR BY
 ENDOGENOUS PHOSPHOTYROSINE PHOSPHATASE

SO FEDERATION PROCEEDINGS, (1983) Vol. 42, No. 7, pp. 2027-2027.
 ISSN: 0014-9446.

AU AUSTIN K S (Reprint); RUBIN R A; EARP H S

AN 1983:244999 SCISEARCH

L49 ANSWER 52 OF 54 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN

TI RAPID SELECTIVE DEPHOSPHORYLATION OF HEPATIC EPIDERMAL GROWTH FACTOR
 RECEPTOR BY ENDOGENOUS PHOSPHO TYROSINE
 PHOSPHATASE.

SO Federation Proceedings, (1983) Vol. 42, No. 7, pp. ABSTRACT 1582.
 Meeting Info.: 74TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF BIOLOGICAL
 CHEMISTS, SAN FRANCISCO, CALIF., USA, JUNE 5-9, 1983. FED PROC.
 CODEN: FEPR7. ISSN: 0014-9446.

AU AUSTIN K S [Reprint author]; RUBIN R A; EARP H S

AN 1983:132630 BIOSIS

L49 ANSWER 53 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN

TI The deduction of continuously distributed activation energy site
 populations from tempering schedules

SO Vacuum (1982), 32(5), 233-41
 CODEN: VACUAV; ISSN: 0042-207X

AU Carter, G.; Bailey, P.; Armour, D. G.; Collins, R.

AN 1982:479417 HCAPLUS

DN 97:79417

L49 ANSWER 54 OF 54 HCAPLUS COPYRIGHT 2005 ACS on STN

TI Dissociation energies of rhodium phosphide and platinum phosphide

SO Zeitschrift fuer Naturforschung, Teil A: Astrophysik, Physik und
 Physikalische Chemie (1971), 26(11), 1934-5
 CODEN: ZENAAU; ISSN: 0044-3166

AU Smoes, S.; Huguet, R.; Drowart, J.

AN 1972:64304 HCAPLUS

DN 76:64304

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

124.39

124.60

STN INTERNATIONAL LOGOFF AT 10:35:34 ON 19 SEP 2005